# Ana Tovar

https://anyita.com

## EDUCATION

**Bachelor of Computer Science**

December 2025, Houston Texas

**Relevant Classes**: Network Security, Network Architecture, Database Systems, Data Structures and Algorithms

**Awards**: Class of 2022 GMiS Scholar, Chevron Corporation Scholarship, Information Technology Scholarship

**Organizations:** DC713, DC218, DC936, HouSecCon User Group, HLUG

**Certifications**: CompTIA Security+, Amateur Radio Operator - Technician License

## PROFESSIONAL EXPERIENCE

**Security Consultant Analyst, Accenture**

June 2024 - August 2024, Houston Texas

- Mapped identified security threats and incidents to MITRE ATT&CK tactics and techniques, improving threat intelligence and situational awareness.
- Configured and maintained Splunk dashboards and alerts to monitor real-time security events, significantly improving the visibility of potential threats.
- Conducted regular vulnerability assessments and managed remediation efforts, prioritizing risks based on criticality and aligning with organizational security policies and compliance requirements.

**Operational Technology Security Analyst, Accenture**

June 2023 - August 2023, Houston Texas

- Executed 100+ comprehensive test cases with a team to validate the effectiveness of OT cybersecurity solutions and to provide a proof of concept to upgrade and replace the network infrastructure across the U.S. for our client, including Nozomi, Panorama, WSUS Sync, VEEAM, etc
- Operated within a server lab environment leveraging VMware ESXi to deploy and configure networking devices, including switches, while implementing policies and rules using Palo Alto Firewalls to monitor and manage network traffic between virtual machines.
- Created detailed documentation of over 100+ pages, outlining methodologies and outcomes of the proof of concept, ensuring clear communication of testing results

## RELEVANT EXPERIENCE

**Home Lab, Purpose:** Virtualization, Networking, Security Software, Storage

July 2023 - Present

- Engineered and oversaw a dynamic home lab environment integrating virtualization technologies (VMware, VirtualBox) for comprehensive OS and application testing, simultaneously advancing networking expertise through VLAN configuration, subnetting, and firewall deployment.
- Engineered home network architecture and adeptly managed a diverse array of 30+ connected devices spanning both wired and wireless connections.
- Enhanced cybersecurity proficiency through hands-on configuration of security tools such as Snort and Wireshark, deploying encryption methods, and adeptly managing access controls.

## LEADERSHIP EXPERIENCE

**SEDES - Non-Profit, Tech Lead**

May 2022 - Present, Houston Texas

- Planned and conducted donation campaigns, resulting in over $12,000 worth of technology contributions
- Collaborated with a multidisciplinary team of technology experts to streamline project initiation and execution, ensuring timely project delivery and closure.

## SKILLS

**Skills:** Linux, Virtualization, Networking, Operating Systems, Technical Documentation, Troubleshooting, Debugging

**Technologies/Platforms:** VMWare EXSi, VMWare vSphere, Cisco IoS, Cisco ISE, Panorama, Splunk

**Programming Languages:** C++, C, Python, HTML/CSS

**Languages**: Spanish (Native), English (Native)